

Diesel Fuel Black Powder Removal

Guamare Diesel Fuel Refinery
Petrobras, Brazil 2010—Current



Problem:

Black Powder contamination flowing through typical basket strainers degrading the fuel quality, damaging flow meters, pumps, seals and seizing valves.

Solution:

Install BPS Magnetic Separators in existing stainless steel basket strainers to extract Black Powder contamination causing premature wear of all the system components.



Results:

BPS contamination, previously suspended in the flow of fuel, was captured by the BPS Magnetic Separators to submicron levels.

Recommendation:

The employment of BPS Magnetic Separators on all points of transfer to reduce premature wear on all the system components and improve fuel quality.